

Amendments to the Claims

This listing of the claims will replace all prior versions and listings of the claims in the application.

Listing of Claims:

1. (Currently amended) A nasal delivery device for delivering substance to a nasal airway of a subject, comprising:

a plurality of interface units attached to a support, each an interface unit, as a replaceable unit, including comprising (i) at least one nosepiece unit for fitting to a respective nostril of a subject and including comprising a nozzle from which substance is in use delivered, and (ii) at least one delivery unit including comprising a substance supply unit for delivering substance to the nozzle of the at least one nosepiece unit; and

an actuation unit to which the interface units are successively attached for actuating the at least one delivery unit of each respective the interface unit.

2. (Currently amended) The delivery device of claim 1, wherein the each interface unit comprises a disposable unit.

3. (Currently amended) The delivery device of claim 1, wherein the each interface unit comprises a single integral unit.

4. (Currently amended) The delivery device of claim 1, wherein the each interface unit is packaged in protective packaging.

5. (Currently amended) The delivery device of claim 1, ~~comprising:~~
~~a plurality of interface units attached to wherein the support comprises a belt such as to allow for successive attachment of the interface units to the actuation unit.~~
6. (Original) The delivery device of claim 5, wherein the actuation unit is configured successively to provide the interface units thereto through use of the belt as a guide.
7. (Currently amended) The delivery device of claim 1, wherein the substance supply unit comprises a substance pump unit for delivering substance, the substance pump unit ~~including comprising a chamber, which comprises containing~~ substance and a piston member which is movable in the chamber to deliver a flow of substance from the chamber.
8. (Original) The delivery device of claim 7, wherein the substance comprises a liquid.
9. (Original) The delivery device of claim 7, wherein the substance comprises a powder.
10. (Currently amended) The delivery device of claim 1, wherein ~~the~~each interface unit ~~includes comprises~~ a mouthpiece unit including a mouthpiece into which the subject in use exhales.
11. (Currently amended) The delivery device of claim 10, wherein the mouthpiece is fluidly connected to the at least one nosepiece unit ~~such as to~~ provide an air flow therethrough on exhalation by a subject into the mouthpiece.
12. (Currently amended) The delivery device of claim 1, wherein the at least one delivery unit ~~includes comprises~~ a gas supply unit for supplying a gas flow through the at least one nosepiece unit.

13. (Currently amended) The delivery device of claim 12, wherein the gas supply unit comprises a gas pump unit ~~for delivering a gas flow, the gas pump unit comprising a cylinder and a piston member which is movable in the cylinder to deliver a gas flow through the at least one nosepiece unit.~~

14. (Previously presented) The delivery device of claim 12, wherein the at least one delivery unit is configured such that the gas supply unit initiates supply of a gas flow prior to actuation of the substance supply unit to deliver substance.

15. (Previously presented) The delivery device of claim 1, wherein the actuation unit includes a gas supply unit for supplying a gas flow through the at least one nosepiece unit.

16. (Original) The delivery device of claim 15, wherein the actuation unit is configured such that the gas supply unit initiates supply of a gas flow prior to actuation of the substance supply unit to deliver substance.

17. (Original) The delivery device of claim 1, wherein the at least one delivery unit is actuated in response to exhalation by the subject.

18. (Original) The delivery device of claim 17, wherein the actuation unit includes a detection unit for detecting exhalation by the subject, at least one drive unit for actuating the at least one delivery unit, and a control unit for actuating the at least one drive unit in response to detecting exhalation by the subject.

19. (Currently amended) The delivery device of claim 18, wherein each interface unit comprises a mouthpiece into which the subject in use exhales, the detection unit includes a pressure sensor for detecting a pressure in the mouthpiece, and the control unit is configured to actuate the at least one drive unit in response to detection of a predetermined pressure by the detection unit.

20. (Currently amended) The delivery device of claim 18, wherein each interface unit includes a mouthpiece into which the subject in use exhales, the detection unit includes a flow sensor for detecting a flow rate through the mouthpiece, and the control unit is configured to actuate the at least one drive unit in response to detection of a predetermined flow rate by the detection unit.

21. (Currently amended) The delivery device of claim 17, wherein each interface unit includes a mouthpiece into which the subject in use exhales, the actuation unit includes at least one drive unit for actuating the at least one delivery unit, and a trigger mechanism for actuating the at least one drive unit in response to exhalation by the subject into the mouthpiece.

22. (Original) The delivery device of claim 21, wherein the trigger mechanism is configured to actuate the at least one drive unit in response to generation of a predetermined pressure in the mouthpiece.

23. (Original) The delivery device of claim 21, wherein the trigger mechanism is configured to actuate the at least one drive unit in response to detection of a predetermined flow rate through the mouthpiece.

24. (Currently amended) The delivery device of claim 1, wherein the each interface unit includes first and second nosepiece units for fitting to respective nostrils of the subject, and first and second delivery units, each including a substance supply unit for delivering substance through the respective nosepiece unit.

25. (Original) The delivery device of claim 24, wherein the actuation unit is configured to actuate the first and second delivery units in succession such that substance is first delivered into one nasal cavity and subsequently into the other nasal cavity.

26-85. (Canceled)

86. (New) A nasal delivery device for delivering substance to a nasal airway of a subject, comprising:

a disposable interface unit, comprising at least one nosepiece unit for fitting to a respective nostril of a subject, a nozzle from which substance is in use delivered, a mouthpiece into which the subject in use exhales, and at least one delivery unit comprising a substance supply unit for delivering substance to the nozzle of the at least one nosepiece unit; and

an actuation unit for actuating the at least one delivery unit of the interface unit.

87. (New) The delivery device of claim 86, wherein the interface unit is a single integral unit.

88. (New) The delivery device of claim 86, wherein the interface unit is packaged in protective packaging.

89. (New) A nasal delivery device for delivering substance to a nasal airway of a subject, comprising:

a disposable interface unit, comprising (i) first and second nosepiece units for fitting to respective nostrils of a subject, each nosepiece unit comprising a nozzle from which substance is in use delivered, and (ii) first and second delivery units, each delivery unit comprising a substance supply unit for delivering substance to the nozzle of the respective nosepiece unit; and

an actuation unit for actuating the delivery units of the interface unit.

90. (New) The delivery device of claim 89, wherein the actuation unit is configured to actuate the first and second delivery units in succession such that substance is first delivered into one nasal cavity and subsequently into the other nasal cavity.